

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A gel type bone-filling composition for stimulating bone-formation and bone-consolidation comprising

1) 20~80 weight % of a mixture containing calcium sulfate, and one or more inorganic salts selected from a group consisting of CaCO_3 , MgCO_3 , and $\text{CaCO}_3 \cdot \text{MgCO}_3$, and the mixture thereof.

wherein the mixture contains 98-99 weight % of calcium sulfate takes 90~99 weight % of the total weight of mixture and the inorganic salts take 1~10 weight % of the total weight of mixture, 0.3-1 weight % of CaCO_3 , 0.3-1 weight % of MgCO_3 and 0.5-1 weight % of $\text{CaCO}_3 \cdot \text{MgCO}_3$; and

2) 80~20 weight % of a viscous biopolymer.

2. (Cancelled) ~~The bone-filling composition for stimulating bone-formation and bone-consolidation as set forth in claim 1, wherein the composition comprises calcium sulfate 98~99 weight %, CaCO_3 0.3~1 weight %, MgCO_3 0.3~1 weight % and $\text{CaCO}_3 \cdot \text{MgCO}_3$ 0.5~1 weight %.~~

3. (Previously Presented) The bone-filling composition for stimulating bone-formation and bone-consolidation as set forth in claim 1, wherein the viscous biopolymer is selected from a group consisting of carboxymethylcellulose, hyaluronic acid, chitosan, cellulose ethers, cellulose esters, starches and polysaccharides.

4. (Original) The bone-filling composition for stimulating bone-formation and bone-consolidation as set forth in claim 3, wherein the viscous biopolymer is carboxymethylcellulose.

5. (Original) The bone-filling composition for stimulating bone-formation and bone-consolidation as set forth in claim 1, wherein the ratio of calcium sulfate to viscous biopolymer is 50:50.
6. (Cancelled)
7. (Previously Presented) The bone-filling composition for stimulating bone-formation and bone-consolidation as set forth in claim 1, wherein the calcium sulfate is CaSO_4 or $\text{CaSO}_4 \cdot \text{H}_2\text{O}$.
8. (Currently Presented) The bone-filling composition for stimulating bone-formation and bone-consolidation as set forth in claim 5 2, wherein the ratio of calcium sulfate to carboxymethylcellulose is 50:50 ~~CaSO_4 or $\text{CaSO}_4 \cdot \text{H}_2\text{O}$~~ .